



Application No: GB 0119772.2
Claims searched: 1-30

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Patents Act 1977
Search Report under Section 17

Databases searched:

UK Patent Office collections, including GB, EP, WO & US patent specifications, in:

UK CI (Ed.S): E1F FLA

Int CI (Ed.7): E21B (43/10, 43/04, 29/10, 33/10)

Other: Online: WPI EPODOC JAPIO

Documents considered to be relevant:

Category	Identity of document and relevant passage	Relevant to claims
A	GB 2346165 A (BAKER HUGHES)	
A	WO 98/00626 A (SHELL) see esp. page 7 lines 9-27	
A	US 3818734 (BATEMAN)	
A	US 1641519 (ANDRE)	

X	Document indicating lack of novelty or inventive step	A	Document indicating technological background and/or state of the art.
Y	Document indicating lack of inventive step if combined with one or more other documents of same category.	P	Document published on or after the declared priority date but before the filing date of this invention.
&	Member of the same patent family	E	Patent document published on or after, but with priority date earlier than, the filing date of this application.